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concl'd. a first photo-blocking film which covers a circumference of each pixel electrode
in a predetermined trace width,

wherein said display further including a first photoblocking film having an
arrangement wherein surface reflecting state of said first photo-blocking film is
substantially equal to surface reflecting state of a connected parts of said liquid crystal
panels.

REMARKS

In the Official Action dated February 3, 1997, the Examiner rejected various
claims under 35 USC § 112, first paragraph, as failing to adequately teach how to make
or use the invention, i.e., failing to provide an enabling disclosure. Claim 6 was
indicated as allowed. Claims 5 and 45 were indicated as allowable if amended to
overcome the rejection under 35 U.S.C. § 112 and to include features of the claims upon
which they are dependant. The Examiner also noted that the features which were
previously argued as distinguishing the invention over the cited prior art (i.e. the light
blocking layer) did not appear in the claims. Claims 1, 4, 5, 8, 11, 15, 20, 25, 28, 31, 34,
37, 43 and 45 are amended herewith to more clearly define the invention, and/or to
overcome the § 112, first paragraph rejection. Claim 3 is cancelled herewith.

The specification and claims are amended herewith to clarify that the structures
previously referred to as "deflecting plates" with "deflecting axes" are in fact "polarizing
plates" with "polarizing axes" as discussed between the Examiner and Applicants
undersigned representative in a teleconference on March 12, 1997. Applicants
respectfully submit that no new matter is added by such amendments as the
specification, including for example Fig. 1, discloses and discusses a first polarizing

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element having a first polarizing axis and a second polarizing element (8), which has a second polarizing axis that intersects with the first polarizing axis at right angles (as described albeit using the term "deflecting" on page 8, lines 19-24). As appreciated by the Examiner, as illustrated in Fig. 1 there are no deflecting elements having axes disposed at right angles. Further, as pointed out by the Examiner, "cross nicol state" is used, as known in the art, to refer to polarizers. Thus there is support for amending the application to change "deflecting elements" to "polarizers", and "deflecting axis" to "polarizing axis". Accordingly, the rejection(s) under 35 U.S.C. § 112, first paragraph are overcome.

Claims 4, 32, 35 and 43 were rejected as anticipated by Kibe. Claims 9, 12, 16, 21, 26, 29 and 46 were rejected over Kibe in combination with Kitihara and Masaki. Applicants respectfully submit that the claims are amended herewith to specifically recite elements previously argued as distinctions but which "were not recited in the rejected claims." Thus, previously submitted arguments i.e., related to the distinction(s) associated with "a light blocking layer that blocks incident light diagonal with respect to the display ..." are applicable in view of the claim amendments and the claims should be found to be patentably distinguishable over the cited art, as previously argued.

New claims 48-51 are added herewith. Specifically, new claim 48 corresponds to claims 1 and 14 combined; 49 corresponds to claims 1 and 19 combined; 50 corresponds to claims 1 and 33 combined; and 51 corresponds to 1 and 36 combined. The combined claims include the amendment referred to hereinbefore which was previously argued as distinguishing the invention over the cited art.

The Examiner asserted that claims 14 and 19 are obvious, but provided no cited reference as the basis for such rejection. New claims 48 and 49 provide for the features of a large-screen liquid crystal display which is made by sticking plural panels together to make the joints of the panels inconspicuous. In the newly added claims as a result, compared with using thermosetting resin, display areas are effectively prevented from erosion due to heat. Therefore, borders of the panels which do not contribute to display become narrow, and ends of the display areas are made to exist as close as possible to the borders. Consequently, the joints of the panels become inconspicuous. The arrangements of these claims are techniques that make the joints of the panels inconspicuous using an ultraviolet-ray-setting resin as a seal material for a large-screen liquid crystal display which is made by sticking panels together, and therefore the arrangements cannot be anticipated from conventional liquid-crystal display techniques which do not stick plural panels together. Moreover, they are not taught nor suggested by the conventional techniques which stick plural panels together or by the primary reference of Kibe which has been discussed in previous responses.

Further, the Examiner judges that claim 33 and 36 are obvious, but provides no cited reference as a basis. Thus, claims 50 and 51 added herewith specifically provide for a photo-absorbing film which absorbs light to be used as a first photo-blocking film (black matrix). As a result, the black matrix in the display panel and borders of panels are made hard to be visually distinguished from each other. Consequently, the joints of the panels become inconspicuous.

The configuration recited in the new claims are techniques that make the joints of the panels inconspicuous using a photo-absorbing film which absorbs light as the black matrix for a large-screen liquid-crystal display which is made by sticking plural panels

together. Therefore the arrangements cannot be anticipated from conventional liquid-crystal display techniques which do not stick plural panels together. Moreover, they are not taught nor suggested by conventional techniques which stick plural panels together. That is none of the references cited alone or in combination disclose or suggest the aspects of Applicants invention recited in the newly added claims.

New claims 52-54 are added herewith to emphasize that by arranging a device so that surface reflecting state of the first photo-blocking film (black matrix) is substantially equal to surface reflecting state of the connected parts of the liquid crystal panels, the joints of the panels become more inconspicuous. This is described in the description of the specification: page 16, line 1 to page 17, line 19; page 21, line 19 to page 22, line 12; page 23, line 23 to page 24, line 4; page 36, line 18 to page 38, line 11; and page 59, lines 3 to page 60, line 15.

Based on the Amendment and remarks herewith, Applicants respectfully submit that the present application is in condition for allowance. Therefore, reconsideration and allowance are respectfully requested.

The Examiner is invited and encouraged to telephone the undersigned with any concerns in furtherance of the prosecution of the present application.

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